

Date April 3, 2006

EDNET Lesson # 11

Display

Notes

New Advances in Distance Learning Technology

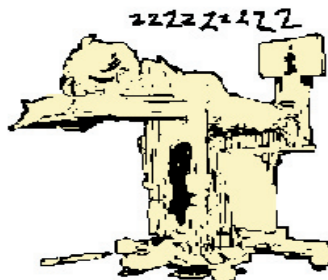
Goals and Objectives: Students will be able to identify major new technologies that are impacting Distance Education in the United States.

Every time there is a new technological discovery of significance, educators are oft to ask: "Well, when can we use that in our classroom?" Maybe they ask sincerely, understanding that new technical advances have added exciting new tools that make teaching and learning easier, better, or provide new avenues of teaching. Or, perhaps they ask that, with tongue in cheek, realizing that maybe this is just another technological "bandwagon" that is passing by and perhaps some administrator higher up will say: "Let's try this! We don't want to get left behind. We want the latest and greatest for our kids, they deserve the best education we can provide." Well, so much for data-driven decision making!

New technologies do come along, ever more frequently to add to our "bag of tricks." Distance education and electronic instruction can be instrumental in addressing many of the dilemmas facing education today. At the same time, its inherent flexibility presents a potentially chaotic mix of possibilities...



...that can just as easily lead to confusion as enlightenment.
Barry Willis, 1994



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From: The Governor of New York
To: The President of the United States

Dear Mr. President:

The canal system of this country is being threatened by the spread of a new form of transportation known as "railroads." The federal government must preserve the canals for the following reasons:

One. If canal boats are supplanted by "rail-roads" serious unemployment will result. Captains, cooks, drivers, hostlers, repairmen and lock tenders will be left without means of livelihood, not to mention the numerous farmers now employed in growing hay for horses.

Two. Boat builders would suffer and tow-line, whip and harness makers would be left destitute.

Three. Canal boats are absolutely essential to the defence [sic] of the United States. In the event of the expected trouble with England, the Erie Canal would be the only means by which we could ever move the supplies so vital to waging modern war.

For the above-mentioned reasons the gov-ernment should create an Interstate Commerce Commission to protect the American people from the evils of "railroads" and to preserve the canals for posterity.

As you may well know, Mr. President, "rail-road" carriages are pulled at the enormous speed of 15 miles per hour by "engines" which, in addition to endangering life and limb of passengers, roar and snort their way through the countryside, setting fire to crops, scaring the livestock and frightening women and children.

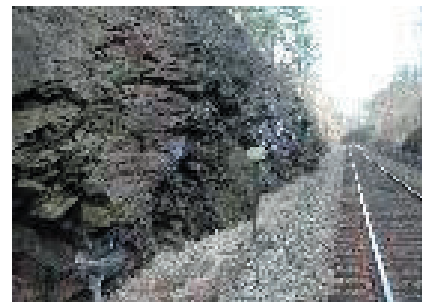
The Almighty certainly never intended that people should travel at such breakneck speed.

Respectfully yours,
Martin Van Buren
Governor of New York
January 31, 1829

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#3 Activity... This is our Threaded Discussion Topic for Week #11. It should be posted by now.

Read this interesting letter and see if you can draw any parallel's between this situation then and our situation now!



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<p style="text-align: center;">Activities for Week 11 Lesson</p> <p>PDF Reading: Half a millenium of Educational Technology (2 pages)</p> <p>ISG 11...New advances in Technology</p> <p>Threaded Discussion "Topic of the Week" Respond to Martin Van Buren!</p> <p>EDNET Minilessson Evaluation Form...1 page pdf</p> <p>Student Presentation of Synchronous Distance Learning Project</p> <p>Best Resource: EDNET vs. Polycom...by Alan Christensen 4 pages pdf.</p> <p>Reading: Blended Learning Whitepaper. 7 pages pdf</p> <p>Reading: Are On-Site Courses as Effective as Online. 1 page pdf</p> <p>Good Reading: Videoconferencing Gets IP Boost 2 pp pdf</p> <p>Good Resource: PDF Higher Education in EDNET (30 pages)</p> <p>Good Resource: Guidelines for Distance Educators--AFT Article (28 pages, 1999)</p> <p>Good Resource: Ppt--HETI grant from SLCC</p> <p>Something Fun....Planning for Success</p> <p>Good Resource: Ppt--Polycom 4 Education2 ABC Education Guide</p> <p>Good Resource: Ppt--Polycom 4 Education3 Polycom Guide</p> <p>Good Resource: Ppt--Polycom 4 Education4 Polycom Information</p> <p>Good Resource: Ppt--Polycom and Distance Education</p> <p>Good Resource: Ppt--Polycom Solutions for Education</p>	

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There are a number of readings and Powerpoint activities and resources related to IP Video. Utah's EDNET system is methodically being upgraded to IP based videoconferencing.

IP Video is the newest "kid-on-the-block." IP or Internet Protocol (H.323) is a unique technology that allows a videoconference to be produced over the Internet. The Polycom company is one of the few big organizations that have effectively put together the technical pieces to make it all work. Perhaps your school may already have a Polycom system. It is similar to EDNET, but simpler and a little easier to configure. The system plugs into a school's data network and connects to an IP address of another unit in another school's network. You need to think of the Polycom system as another Internet Browser (only it is hardware) similar to Netscape Navigator or Internet Explorer. It really works! There are 5 powerpoint slide shows about Polycom written by Polycom. Sales and promotional materials. Interesting stuff!
















The majority of our class time this week will be doing the student presentations. See Detailed Syllabus, items 4 & 5. Be sure to get a copy of the EDNET MiniLesson Evaluation Form. Whenever a student or group of students is doing a presentation over the system, I want you to use the evaluation form to critique the presentation. Use that as a guide for "what works" and "what doesn't work." Transfer any comments from the evaluation form to the threaded discussion link on our Vista Website the next day after the presentations. It is quite helpful for each of us to have a fair and friendly critique of our teaching style, especially over the medium of videoconferencing.

Also, be sure to contact George immediately if you have not scheduled your Synchronous Distance Learning Presentation. It is important to schedule these for 4 or 5 each week so we don't try to do all of them during the last week of class. Each presentation can take up to 30 minutes (setup, testing, presentation, followup questions, critique and cleanup). The Synchronous Distance Learning Presentation should become a highlight of this course for you. It is an opportunity to "put it all together" and bring your entire program into focus with this presentation. Good luck.

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Internet Resources for the the Distance Educator	
UCET (Utah Coalition for Educational Technology) http://www.ucet.org/	
Utah Education Network http://www.uen.org/	
Teacher Start Page at UEN http://www.uen.org/k12educator/	
MyUEN http://my.uen.org/myuen/MyUen	
EDNET Newsletter http://www.uen.org/News/news_group.cgi?category_id=6	 
Pioneer Library http://pioneer-library.org/	
Lesson Plan Tool http://www.uen.org/lessonplan/	
USOE Core Curriculum http://www.uen.org/core/	
Utah Electronic High School http://ehs.uen.org/?bbatt=Y?bbatt=Y	
Create PDF's http://www.uen.org/createpdf/control	
EDNET, Satellite, IP systems Delivery, Cme http://www.uen.org/delivery http://www.uen.org/ednet/html/cmeswitching.html	
Utah Schools--Find it! http://www.uen.org/search/html/schools.html	

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Instructional Television http://www.utahitv.org/	
The Utah Legislature http://le.utah.gov/ Tracking Service for any bill http://le.utah.gov/asp/billtrack/track.asp	
Chronicle of Higher Education http://chronicle.com/index.htm	
University of Idaho...Distance Education at a Glance....Barry Willis http://www.uidaho.edu/eo/distglan.html	
The Dilbert Zone http://www.unitedmedia.com/comics/dilbert/	
Rubric Tool http://www.uen.org/rubric/	
Mailing Lists in Utah http://lists.uen.org/mailman/listinfo/	
The EDNET Daily Schedule (Searchable) http://cme.uen.org:8080/servlet/CmeServlet?type=criteria	
Utah State Office of Education http://www.usoe.k12.ut.us/	
Distance Educator.Com http://www.distance-educator.com/	
Polycom Home Page http://www.polycom.com/home/	
DEOS (Distance Education Online Symposium) http://www.ed.psu.edu/acsde/deos/deosnews/deosarchives.asp	DEOSNEWS Archives